88056459

RECEIVED
MAY 4 1979
OFFICE OF
OIL SHALE SUPERVISOR

C-b SHALE OIL VENTURE

SOCIO-ECONOMIC MONITORING REPORT

NUMBER FOUR
(QUARTERLY REPORT)

April 1979

TN
859
.C64
C5744
no.4

ty Development Associates, Inc.

• 1700 BROADWAY • UNITED BANK CENTER • DENVER, COLORADO • 80209 — (303) 861-9428

TN
857
.C64
C5744
no.4
c.2

TABLE OF CONTENTS

Introduction 1

I. The C-b Workforce 2

A. Housing 2

1. Location 2

2. Length of Residence 2

3. Type 5

4. Preference 6

5. Cost 6

B. Age, Sex, Marital Status and Family Size 8

1. Age 8

2. Sex 8

3. Marital Status 8

4. Family Size 9

C. Recreational Activities 10

II. Corrections 10

INTRODUCTION

This is the fourth monitoring report, issued by the C-b Shale Oil Venture. This report contains selected information on the C-b project workforce. The data was collected through a questionnaire completed by persons employed on the C-b tract, and reflects the current workforce as of April 6, 1979. Sixty two percent of the workforce were surveyed, therefore the statistics presented in this report are estimates rather than actual numbers.

I. THE C-b WORKFORCE

As of April 6, 1979 there were 245 persons employed at the C-b site. This is a slight decrease from the 253 persons employed as of February 1979.

About 90 percent of the workers still hold construction or temporary jobs at the site, while 10 percent of the workers are considered permanent. Figure A shows the actual workforce as it compares to the projected workforce.

A. Housing

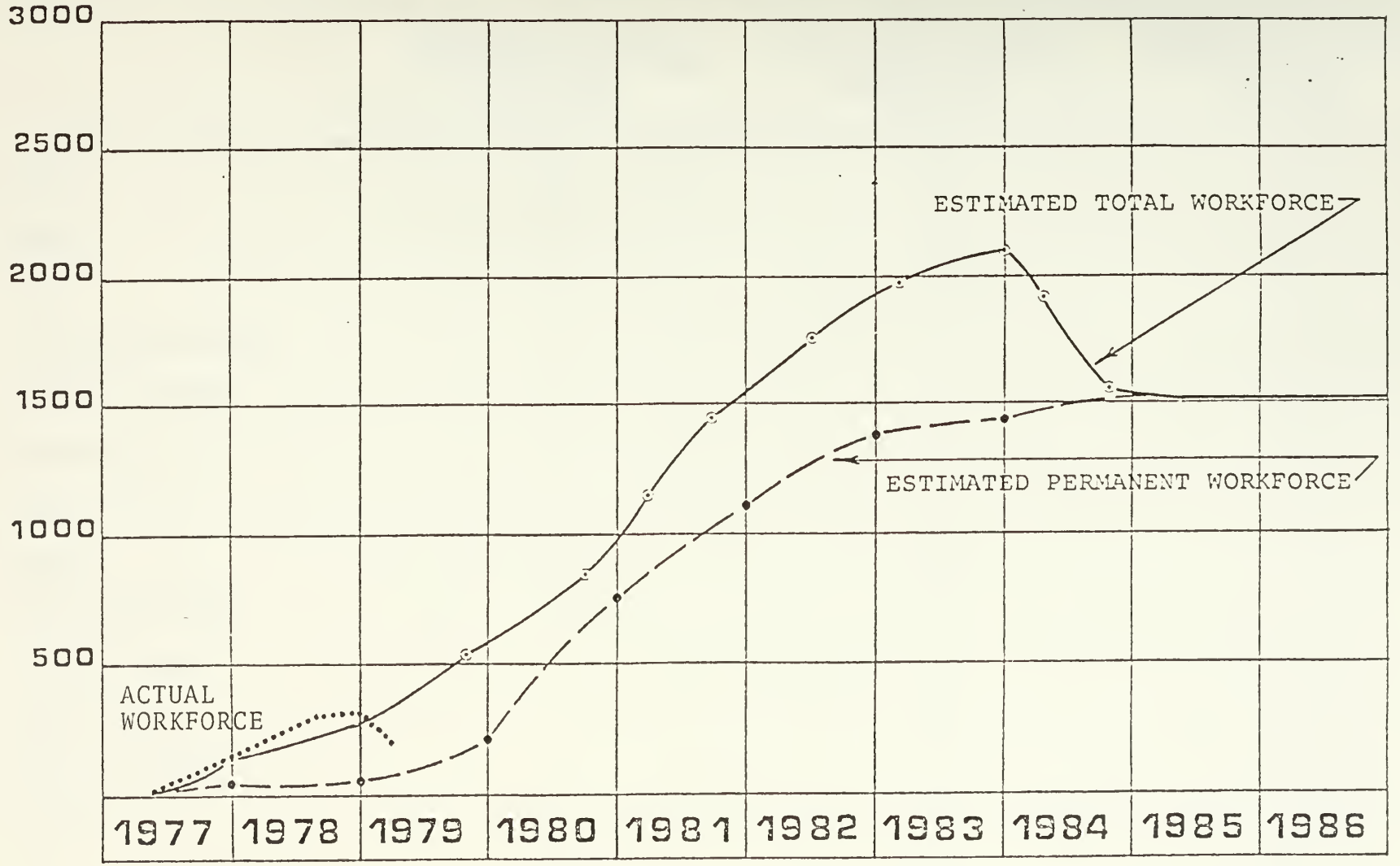
1. Location

Most of the workers (52%) reside in Rifle, although there has been a slight percentage decrease from the previous monitoring reports. An increased percentage of workers are residing in Meeker. Table I shows the place of residence of all workers surveyed as of April 6, 1979 and compares those figures with those released in February 1979.

2. Length of Residence

The percentage of workers who have lived in their present homes less than a year has remained at 60 percent, while 40 percent have resided at their present location over a year. The percentage of workers who are newcomers to Rifle has remained relatively constant, around 70 percent, while in Meeker, the percentage of workers who lived there less than a year increased from 58 percent in February to 81 percent in April 1979. Table II shows the percentage of employees in each community according to the length of their residence.

C-b Shale Oil Venture



OCCIDENTAL OIL SHALE PROCESS PROJECT MANPOWER ESTIMATE

FIGURE A

TABLE I

PLACE OF RESIDENCE

	Percentage of Workers Surveyed Residing There April 1979 (N=153)	Percentage of Workers Surveyed Residing There February 1979 (N=168)	Percentage of Workers Surveyed Residing There July 1978 (N=296)
Rifle	52	56	55
Meeker	10	8	7
Silt	8	8	10
Grand Junction Area	6	7	6
Glenwood Springs	5	4	4
New Castle	4	3	5
Grand Valley	2	1	3
Rangely	1	0	1
Other West Slope	1	2	5
Piceance Creek		0	2
Other Colorado	1	0	1
Outside Colorado	2	4	1
Unknown	8	7	0
Total	100	100	100

TABLE II

LENGTH OF RESIDENCE
(April 1979)

Community	Percent of Workers Surveyed Residing there more than one year	Percent of Workers Surveyed Residing there less than one year
Rifle	30	70
Meeker	19	81
Silt	83	17
Grand Junction Area	77	23
Glenwood Springs	100	0
All other Communities	33	67
Total Workforce	40	60

Of those workers listing their permanent residence as out of state, the majority are from Utah, while others list the States of Washington, Nevada, Arizona, New Mexico, South Dakota, Minnesota, California, West Virginia, Michigan, Oregon and Mississippi, as home.

3. Type

Table III presents the various types of housing in which the workers are living. A comparison of the current statistics with the February, 1979 monitoring report shows that a slightly greater percentage of the total workforce own their own houses and rent apartments.

TABLE III

PERCENT OF WORKFORCE RESIDING
IN VARIOUS TYPES OF HOUSING
April 1979

Community	Own Home	Rent Home	Own Mobile Home	Rent Mobile Home	Apartment	RV	Motel	
Rifle	25	13	18	5	33	3	3	100%
Meeker	19	19	19	0	43	0	0	100%
Silt	25	41	17	17	0	0	0	100%
Total Workforce	27	18	16	6	29	1	3	100%

4. Preference

The majority of the workers indicated they preferred to live in single family housing. Table IV shows the preferences of the current workforce are similar to the previous monitoring report.

TABLE IV

HOUSING PREFERENCES OF THE TOTAL WORKFORCE

Preferred Type	% Responding February 1979	% Responding April 1979
Single Family House	76	73
Mobile Home	13	14
Apartment	11	13

5. Cost

Response to the survey showed the median monthly cost for home owners to be $248, $200 for home renters, $165 for mobile home owners, $100 for mobile home renters and $240 for apartment renters.

Table V shows how the current median cost compares with the figures presented in the last monitoring report.

TABLE V

MONTHLY COST OF HOUSING TO THE C-b WORKFORCE

Type	Median Cost Feb. 1979	Median Cost April 1979	Low Figure April 1979	High Figure April 1979
Own House	$248	$248	$103	$700
Rent House	200	200	150	400
Own Mobile Home	200	165	60	600
Rent Mobile Home	155	100	50	300
Apartment	225	240	100	350

Monthly figures provided by a Rifle realtor give an indication of housing cost in Rifle. Table VI shows the average cost for various types of housing in Rifle. For each type of housing except for apartment rentals, the average cost appears to be increasing.

TABLE VI

AVERAGE HOUSING AND RENTAL COSTS IN RIFLE

	Oct.-Dec. 1978	Jan.-March Average 1979
Average Sales Price for new houses	$55,392	$77,500
Average sales price for existing houses	$60,872	$63,250
Average resident lot price	$16,878	$17,662
average advertised monthly rent for houses	None available	None available
Average advertised monthly rent for apartments	$ 355	$ 325

Source: Leo Swartzendruber, Rifle Realty

B. Age, Sex, Marital Status and Family Size

1. Age

The Median Age of the employees has remained at 31 years.

2. Sex

Ninety-one percent of the current workforce are males, 9 percent are female.

3. Marital Status

Sixty-eight percent of the workforce are married, but only 49 percent live with their families full-time. Table VI shows the percentage of workers, by community, who are married and reside with their families; who are married but do not reside with their families full-time; and who are single.

TABLE VII

MARITAL STATUS OF WORKFORCE
April 1979

Community	Percent Married and living with Family	Percent Married But not living with Family Full-time	Percent Single
Rifle	46	22	32
Meeker	69	12	19
Silt	50	8	42
Grand Junction Area	56	22	22
Glenwood Springs	50	0	50
All Others	46	22	32
Total Workforce	49	18	33

4. Family Size

Average family size for all married members of the workforce is 3.3 persons or two adults and 1.3 children per family. Average family size for the total workforce (including singles) is 2.7 persons. It is estimated that 39 percent of the children are non-school age, while 61 percent are school-age children.

It is estimated that 41 of the workers have moved their families with them within the last year, to an area near the tract. They have brought with them an estimated 23 non-school age children and 40 school-age children.

About 14 of the present C-b workers, who are not living with their families, are planning to have their families join them in the near future. Most of these workers are planning to settle in Rifle and would contribute an estimated 30 new school children to that community.

C. Recreational Activities

Fishing, hunting, skiing and camping are still the most popular recreational activities of the workforce and their families. Other activities that were mentioned were basketball, swimming, tennis, bowling, golf, horseback riding, four-wheeling, softball, motorcycling, water skiing, flying, snowmobiling, biking, running, boating, raquetball and pistol shooting.

II. CORRECTIONS

Since the last monitoring report, it was learned that there were some figures that were incorrectly reported. Please make a note of these changes in your copy of the February 1979 Monitoring Report.

The enrollment figures for the Meeker School District did not include kindergarten. The revised numbers are:

MEEKER SCHOOL DISTRICT RE-1

January 1979

Enrollment	January 1979
Rock School (Grades 1-8)	27
Kindergarten	56
Grades 1-4	257
Grades 5-6	124
Grades 7-8	106
Senior High	240
Total	810

The number of certified (FTE) staff in Meeker in January, 1979 was 46 and the number of support staff was 29.

The February monitoring report showed the Rifle secondary dropouts rate for 1977-78 to be 18.0. This rate is actually only 7.7.